

DPW

Application Serial No. 10/501,842  
Submission dated September 2, 2009



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/501,842 Confirmation No. 8958  
Applicant : Gerhard Bonnet  
Filed : January 18, 2005  
Title : PROCESS AND DEVICE FOR MEASURING DISTANCE  
TC/A.U. : 3662  
Examiner : Timothy A. Brainard  
Atty. Docket No. : PTK0025  
Customer No. : 0832

SUBMISSION OF KLAAS BERGMANN CURRICULUM VITAE

MAIL STOP AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Further to the Amendment After Final Action dated August 6, 2009, submitted herewith is the Curriculum Vitae of Prof. Dr. Dr. h.c. Klaas Bergmann.

In the event Applicants have overlooked the need for an extension of time, payment of fee, or additional payment of fee, Applicants hereby petition therefor and authorize that any charges be made to Deposit Account No. 02-0385, Baker & Daniels.

Respectfully submitted,

John F. Hoffman  
Registration No. 26,280  
Attorney for Applicants

JFH/nw

BAKER & DANIELS LLP  
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Fort Wayne, IN 46802  
Telephone: 260-424-8000  
Facsimile: 260-460-1700

Enc. Curriculum Vitae  
Return Postcard

CERTIFICATION OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on: September 2, 2009

JOHN F. HOFFMAN, REG. NO. 26,280

Name of Registered Representative

Signature

September 2, 2009

Date

## Curriculum Vitae of Prof. Dr. Dr. h.c. Klaas Bergmann



- **Born:** June 12, 1942 in Kiel, Germany  
(Married since 1967, two children, born in 1973 and 1976)
- **High School** in Hannover
- **Student** of Physics in Freiburg (one semester in Innsbruck)
- **Physics Diplom** in Freiburg 1968
- **Doctoral Thesis work** in Freiburg, PhD in 1972
- **Postdoctoral work** in Berkeley, Chemistry Department (Host: C.B.Moore) 1973/74  
(topic: laser-induced chemistry)
- Since 1975 **Assistant Professor<sup>1</sup>** Fachbereich Physik, Universität Kaiserslautern
- **Habilitation** 1980  
Habilitationsschrift on the first applications of laser state selection in crossed molecular beams experiments
- Since 1981 **Professor of Physics**
- 1985 **Visiting Fellow** at JILA, University of Colorado (7 months)
- 1986 being offered the position of full-professor from the Texas A&M University (Chemistry), University of Oregon at Eugene (Physics) and the Pennsylvania State University (Physical Chemistry)

**Professional Activities:**

- 1986 - 1988 **Chair:** Sonderforschungsbereich "Energy Transfer in Atomic and Molecular Collisions"
- 1988 - 1997 **Associated Editor** for Zeitschrift für Physik D  
1998 - 1999 **Associated Editor** for European Journal of Physics D  
1989 - 1993 **Member** of the General Committee of ICPEAC (International Conference on the Physics of Electronic and Atomic Collisions)  
1995 - 1998 **Board Member**, Molecular Physics Section, European Physical Society
- Chair or co-chair of six international conferences,  
elected **vice-chair of the Gordon Research Conference** on "Quantum Control of Atomic and Molecular Motion" in 2001,  
elected **chair of the Gordon Research Conference** on "Quantum Control of Light and Matter" in 2003
- 1997 - 2002 **Chair:** "Laserzentrum Kaiserslautern"  
1998 - 2004 **Chair:** Forschergruppe (DFG) on "Low energy electron scattering"  
member of several advisory committees and program committees of international conferences
- 2000 - 2002 **Coordinator:** NATO-CRG collaboration (USA, Germany, Armenia, Ukraine, Bulgaria)  
2000 - 2003 **Coordinator:** INTAS collaboration (France, Germany, Russia, Ukraine, Armenia)  
2000 - 2004 **Coordinator:** European Research Network COCOMO (Sweden, UK, The Netherlands, France, Germany, Bulgaria, Greece, Israel)  
2002 - 2006 **Coordinator:** Marie-Curie Trainingsite : Coherent Control in Matter Waves and Quantum Optics  
2002 - 2006 **Chair** of the special doctoral training program ("Graduiertenkolleg") "Nonlinear Optics and Ultrafast Physics"  
2002 - 2008 **Chair** of the center for "Optical Technologies and Laser-controlled Processes"

2004 - 2008 **Member of the Hochschulrat** of the Technische Universität Kaiserslautern (elected by the Senat)

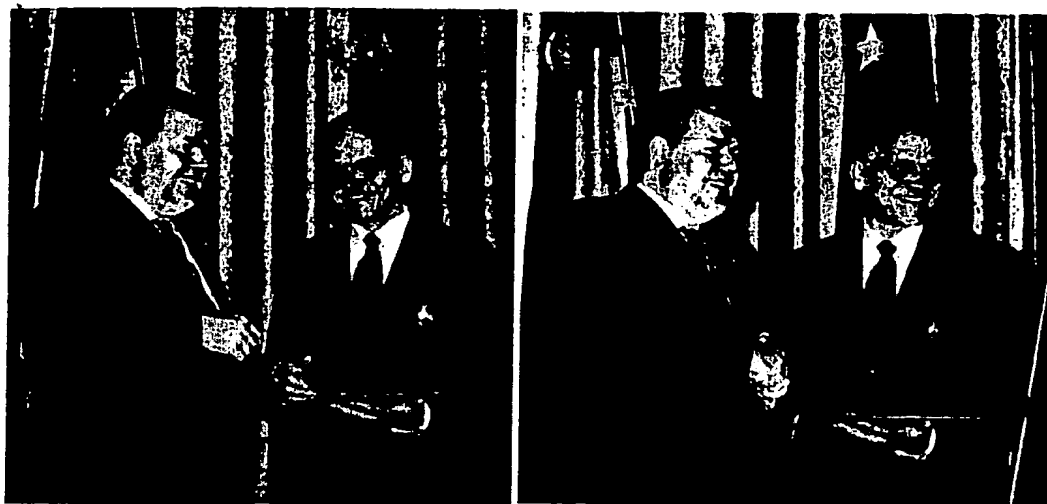
2006 - 2010 **Coordinator**: European Research Network EMALI (Denmark, UK, Germany, Austria, Switzerland, Italy, Bulgaria, Spain, Greece, Israel)

since Oct. 2007 **Senior research professor** of the Technische Universität Kaiserslautern

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**Awards:**

- **Gödecke Forschungspreis** 1972 for the thesis work (topic: one of the first applications of lasers to collision dynamics), awarded by the University of Freiburg and sponsored by local industry (Gödecke).
- 1981 **Physik-Preis** (Physics - Prize) of the Deutsche Physikalische Gesellschaft (German Physical Society) "for his ground breaking work in laser state selection and the application of the method to scattering experiments using crossed molecular beams"
- Since 1992 **Fellow** of the American Physical Society (fellow status awarded "for his development of innovative laser systems and their application to molecular scattering processes")
- 2003 **Robert-Wichard-Pohl-Award** of the Deutsche Physikalische Gesellschaft (German Physical Society) "in recognition of his outstanding scientific achievements, especially in molecular physics, which had an impact on a broad range of fields in physics"
- 2003 **Honorary Doctorate** of the Latvian University of Riga
- 2003 **Max-Planck-Researchprize for International Collaboration** awarded jointly by the Alexander von Humboldt-Foundation and the Max-Planck-Society "for outstanding research achievements"
- 2005 Honored by the Ministerpresident of Rheinland-Palatinate Kurt Beck on December 8th with the "**Verdienstorden des Landes Rheinland-Pfalz**" (order of merit). The "Verdienstorden" is the highest honor awarded by the state of Rheinland-Palatinate. It is given for outstanding service for the state and its citizens.



Auszeichnung mit dem Verdienstorden des Landes Rheinland-Pfalz durch den Ministerpräsidenten Kurt Beck am 8.12.2005 in der Staatskanzlei in Mainz  
(Aufnahme und copyright: Dr. Carina Bergmann)

- **2007 Senior research professorship (TU Kaiserslautern)**

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<sup>1</sup> The scheme of Assistant-Professorship, which gives the young scientist a large degree of independence, is firmly established in the US. It was introduced in Germany in the early 70'ies but abandoned again about 10 years later - to the disadvantage of German science. A high level international commission, which has recently reviewed the German Science System and the related funding structure strongly recommend to return to that scheme. In fact the concept of the so called "Juniorprofessor" has been introduced in 2003, but remains a topic of controversial discussion in Germany.